

19990101.qrp v01_n323.qrl.990101

Date: Fri, 1 Jan 1999 19:03:42 EST

From: qrp-1@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: QRP-L digest 1323

QRP-L Digest 1323

Topics covered in this issue include:

- 1) [28520] Re: FYBO Plans
by w4pj@w4bkx.ampr.org (Scott)
- 2) [28521] OFF TOPIC: WEB PAGE REGISTERING
by Pablo Luis Robles <wp4jxd@isla.net>
- 3) [28522] re: [28466] Re: Morse emergency stories
by Dave and Connie <dmatt@frontiernet.net>
- 4) [28523] Re: What is FYBO ?
by Joe Gervais <vole@primenet.com>
- 5) [28524] ready to go
by andymeng@juno.com (Andy C Meng)
- 6) [28525] Re: Norcal Paddle Kit
by Dan Copeland <dcopeland@wwn.net>
- 7) [28526] Re: What is FYBO ?
by Richard Arland <k7sz@epix.net>
- 8) [28527] HAPPY NEW YEAR
by Tom Palmer <n1tp@worldnet.att.net>
- 9) [28528] Re: Novelty QRPp Contest Rule - final, final
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 10) [28529] Knights Before Christmas Score Correction
by gary_oneil@juno.com (Gary E. O'Neil)
- 11) [28530] Interesting Story (book)
by Jess Gypin <jessqrp@concentric.net>
- 12) [28531] ?'s/QRP¬ QRP
by "John R. Glazier" <glazier.john@mcleod.net>
- 13) [28532] Re: What is FYBO ?
by wb2vuo@juno.com (W. K. Hibbert)
- 14) [28533] Re: ?'s/QRP¬ QRP
by "John J. McDonough" <jjmcd@tm.net>
- 15) [28534] I is in Ant.. aggrivations...
by hamjoel@juno.com
- 16) [28535] Re: [Ten TEc 6 meter transverter]
by Roy Lincoln <wa4dou@usa.net>
- 17) [28536] Re: Fox Hunt... what a mess
by k5zty@juno.com
- 18) [28537] Updated K0EVZ QSL Info
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 19) [28538] Re: I is in Ant.. aggrivations...

- by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 20) [28539] Where is CW on 10m?
by tayloe_d@juno.com (Daniel R Tayloe)
- 21) [28540] Re: Morse emergency stories
by crc <crc@io.com>
- 22) [28541] NORTEX meeting, Jan 2 1999
by Chuck Adams <adams@ticnet.com>
- 23) [28542] Oregonians and 15m
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 24) [28543] Dayton 1999 and HAPPY NEW YEAR!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 25) [28544] F.Y.b.o.
by "The one and only!" <mitch96@pobox.com>
- 26) [28545] QRP Net List
by Richard Arland <k7sz@epix.net>
- 27) [28546] New Years Resolution - 5BWAS/QRP or Bust
by "Bernard F. Gaffney, Jr." <n8pvz@acd.net>
- 28) [28547] New Years Resolution - 5BWAS/QRP or Bust
by "Bernard F. Gaffney, Jr." <n8pvz@acd.net>
- 29) [28548] No longer NF3I
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 30) [28549] QRP-L Gentleman's Agreements
by "Paul R. Valko" <prvalko@oakland.edu>
- 31) [28550] Re: Interesting Story (book)
by andymeng@juno.com (Andy C Meng)
- 32) [28551] RE: QRP-L Gentleman's Agreements and ebay
by "Ed Tanton" <n4xy@mindspring.com>
- 33) [28552] Elmer205: 990101 Diode Modeling in SPICE
by Chuck Adams <adams@ticnet.com>
- 34) [28553] Happy New Year and some Resolutions, QRP and Others
by wb2vuo@juno.com (W. K. Hibbert)
- 35) [28554] Re: FYBO Plans
by Ab7wy@aol.com
- 36) [28555] Re: The Arkansas QRP Club Millennium Challenge
by we6w@juno.com (Ed Loranger)
- 37) [28556] Re: MD FYBO Plans...
by Bob Patten <n4bp@bc.seflin.org>
- 38) [28557] Re: Norcal Paddle Kit
by Michael Lodge <mlodge@pdq.net>
- 39) [28558] Re: Happy New Year and some Resolutions, QRP and Others
by Richard Arland <k7sz@epix.net>
- 40) [28559] re: key/keyer question responses
by jalbertin@juno.com (Jerry Albertin)
- 41) [28560] Re: TIMES SQUARE CELEBRATION
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 42) [28561] Re: What is FYBO ?
by "W. Kimura" <w.kimura@valley.net>
- 43) [28562] FREE/Beacons/Grayline/Propagation

by "Larry Cruise" <aa5ta@texasonline.net>
44) [28563] RE: QSL program
by Michael Melland <badger@vbe.com>
45) [28564] Beacons heard on 10M
by wj5o@juno.com (William H. Hays)
46) [28565] New Years Resolution - 5BWAS/QRP or Bust
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
47) [28566] Re: What is FYBO ?
by Tom Palmer <n1tp@worldnet.att.net>
48) [28567] Re: Where is CW on 10m?
by tayloe_d@juno.com (Daniel R Tayloe)
49) [28568] Re: Beacons heard on 10M
by "Steve/n0tu" <n0tu@webaccess.net>
50) [28569] Re: TIMES SQUARE CELEBRATION
by w4bws@juno.com (Donald E Sanders)
51) [28570] THANK YOU
by "Charles D. Feigley Sr." <feigleyc@gte.net>
52) [28571] Jan. 1, 1999/FYBO 1999
by jaywa5whn@juno.com
53) [28572] Re: Beacons heard on 10M
by W5TB <w5tb@softhome.net>
54) [28573] mods
by bkobie@webtv.net (patrick obrien)
55) [28574] WE6W LOG:QRPp Novelty Contest
by we6w@juno.com (Ed Loranger)
56) [28575] RE: TIMES SQUARE CELEBRATION
by "Ed Tanton" <n4xy@mindspring.com>
57) [28576] Buffalo Sneaux
by James Skalski <jskalski@buffnet.net>
58) [28577] KC-1 Connections to MFJ 9040
by Donald Lefrancois <wb1cdh@mci2000.com>
59) [28578] A happy 1999
by "Alyn Backe" <ve6bpr@cnnnet.com>
60) [28579] reciever/pc question
by "The one and only!" <mitch96@pobox.com>
61) [28580] Resonant Tank for 7.04 MHz.
by we6w@juno.com (Ed Loranger)
62) [28581] Re: Buffalo Sneaux
by Chris Trask <ctrask@primenet.com>
63) [28582] Sierra Audio Filter?
by "Steve/n0tu" <n0tu@webaccess.net>
64) [28583] Re: Buffalo Sneaux
by "Rud Merriam" <rmerriam@csi.com>

Date: Thu, 31 Dec 98 19:09:06 -0500
From: w4pj@w4bkx.ampr.org (Scott)

To: qrp-1@lehigh.edu
Subject: [28520] Re: FYBO Plans
Message-ID: <1478@w4bkx.ampr.org>

Sorry folks if this is a dumb question...

What is FYBO ?

I have been able to infer that is is some sort of operating event done in the outdoors. Most operators would be braving the cold and snow this time of year. Is there a reward for lower temperatures? more points for more snow?

How about operating from some place like The Florida Keys? It's only an hour or so to drive down the Overseas Highway from here. I guess I'd need to bring sunglasses and suntan lotion, shorts and flip-flops for attire. Oh, don't forget the fins, mask and snorkel, BBQ grill and a big pot for the Stone Crab claws and Florida Lobsters. Man, I'm getting all worked up just thinking about it.

I guess operating radio from someplace like Long Key State Park this time of year would be its own reward!

de Scott / W4PJ Ft. Lauderdale, FL <EL96vd> #1585

Date: Thu, 31 Dec 1998 20:17:24 -0400 (AST)
From: Pablo Luis Robles <wp4jxd@isla.net>
To: QRP MAILING LIST <qrp-1@Lehigh.EDU>
Subject: [28521] OFF TOPIC: WEB PAGE REGISTERING
Message-ID: <Pine.LNX.3.96.981231201140.620B-100000@pentagon>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear QRPers:

I am in the process of updating my home page. I would like to register my page such that search engines can find it. I know many of you have your pages registered with the search engines. Every time I do a search concerning web page registering I end up in some company's page that asks for a certain fee for registering my page with the search engines. I have manually registered with yahoo and lycos but still my page ain't returned when a I do a search using my call sign or the word QRP. I know this is off topic so please reply privately...

Regards,

Pablo L. Robles
BOX 3063
Yauco, PR 00698

Date: Thu, 31 Dec 1998 20:01:02 -0600
From: Dave and Connie <dmatt@frontiernet.net>
To: qrp-1@Lehigh.EDU
Subject: [28522] re: [28466] Re: Morse emergency stories
Message-ID: <3.0.5.32.19981231200102.007cd960@frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Thu, 31 Dec 1998 10:44:47 -0500
"Mitch Dickson" <mitch@volstate.net> wrote

>This wasn't weekend warriors
>either. It was regular Army Signal Core! Doesn't that make you feel all
>warm and fuzzy. There stood the Army in a disaster area, and would not have
>been able to communicate if not for an old extra class ham. What would they
>have done with a no-coder with a 202? CU Mitch

Ouch!

Mitch, when this kid (40!) was a no coder with with a 202 he would have pulled out his ARRL manual (or Rat Shack book), his circular slide rule (or paper and pencil) and a pair of dykes (or knife) and clipped out a dipole. But then I was just a 22L20 (Nike Test Equipment Repairman) in the Army Ord Corps (Ord 6, HHB 5/6). Also, daddy has an Extra and taught me from a little pup.

Not all no coders are electronics dummies. Not all upper class ticket holders know which end of the soldering iron gets hot. I have met all kinds.

Dave
KB2YWT

Date: Thu, 31 Dec 1998 18:04:48 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: w4pj@w4bkx.ampr.org
Cc: qrp-1@Lehigh.EDU
Subject: [28523] Re: What is FYBO ?
Message-ID: <199901010104.SAA07677@usr04.primenet.com>

Howdy Scott and Folks,

Scott (W4PJ) wrote:

> Sorry folks if this is a dumb question...

Unless you're on an airbase asking where you can
get 100 yds of "flight line", there's no such
thing as a dumb question. ;-)

> What is FYBO ?

(...Insert fanfare music...)

Why it's the one and only "Freeze Your B_____ Off"
Winter QRP Field Day, sponsored by the AZ ScQRPions
and countless brave FYBO ops! The key to FYBO is
remembering that it's all about getting on the air
and having FUN! See the AZ ScQRPions' motto in my
.sig. ;-) Feb. 6th is the day!

> I have been able to infer that is is some sort of operating
> event done in the outdoors.

While it **is** a field event, home operators are
very important to all of us. We even have separate
categories for the Home ops. Ya see, the more sigs
on the air, the better chance we Frozen FYBO Field
Ops (tm) have of staying warm. ;-)

> Most operators would be braving the cold and snow this time
> of year. Is there a reward for lower temperatures?

Yep! There's a Temperature Multi - The colder the
temperature at the **operator's position**, the higher
the multi.

> How about operating from some place like The Florida Keys?

ABSOLUTELY! Ya see, part of the exchange is your current temperature. So when you're sitting there in your Bermuda shorts, eating lobster and watching a Hula dance, you'll get to send a nice toasty 85F to that poor fellow who's sending you 15F from his snowcave. :-)

Another feature of FYBO is the prize list. Some have called us "shameful promoters" trying to "buy operators" for the contest. As long as FYBO ops are enjoying it, anyone can call me whatever they want. :)

Many of the prizes are whimsical, others are downright spiffy. Some of the spiffy items are raffled off, so this is truly a contest where everyone has a chance to win something!

But again, the bottom line is to HAVE FUN! If that means bringing the kids along for some sledding (as I did last year ;-), go for it! Lounging on a warm beach? More power to ya! Sitting by a warm fire at home? Save me a marshmallow! :-)

Please see the full info at <www.extremezone.com/~ki7mn>. Sure hope to hear you out there! Will announce the FYBO '99 Prize List soon! (I need to get out the BUBBA '98 results and prizes first!)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

FYBO Winter QRP Field Day - Feb 6th - See <www.extremezone.com/~ki7mn>

Date: Thu, 31 Dec 1998 20:12:04 -0500
From: andymeng@juno.com (Andy C Meng)
To: qrp-1@lehigh.edu

Subject: [28524] ready to go

Message-ID: <19981231.201206.8958.0.andymeng@juno.com>

Hi guys, I "threw" up my dipole today. Snow, 3F windchill made it an unforgettable experience. Sitting here w/ my SW40+ halfway in a case, my SWR meter, a freq. counter, and paper and pencil, and an old practice key my dad used sure make me feel powerful. Rightnow a signal on 7.040 is blowing in about an estimated S9+15 and is hurting my ears. RF gain turned all the way down, and still real loud. I can hear the station answering him loud and clear. Sure nice to have a resonant dipole.

I plan to sit and monitor here for about 45 mins, and might make my first QSO. I'll tune around right now though. CU on the air!!

Andy KC8KFI

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or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 31 Dec 1998 19:14:38 -0600
From: Dan Copeland <dcopeland@wwn.net>
To: prvalko@oakland.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28525] Re: Norcal Paddle Kit
Message-ID: <01042618724099@wwn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Has the old gentleman's agreement to never sell a NORCAL kit for more
>than it's original price been tossed aside? Another cornerstone of our
>civilized society... crushed.
>

This is not a gripe. Since I am new to the list (on for 2 years) I was
just wondering
if there is any other "gentleman's agreement" that I am not aware of?

Dan

Daniel Copeland KF00V
dcopeland@wwn.net

QCWA Webmaster* ARRL-life member*

QRP-L 1004, ARCI - 9670, OHR 100A-20, OHR-500
<http://www.qcwa.org> | <http://www.dcopeland.com>
"I want to die peacefully in my sleep like my grandfather,
not screaming in terror like his passengers."

Date: Thu, 31 Dec 1998 20:42:50 -0500
From: Richard Arland <k7sz@epix.net>
To: vole@primenet.com, qrp-l@lehigh.edu
Subject: [28526] Re: What is FYBO ?
Message-ID: <368C281A.EA16F5ED@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joe Gervais wrote:
>
> Howdy Scott and Folks,
>
> Scott (W4PJ) wrote:
>
> > Sorry folks if this is a dumb question...
>
> Unless you're on an airbase asking where you can
> get 100 yds of "flight line", there's no such
> thing as a dumb question. ;-)

OR....they send you looking for 50 gallons of "prop wash",
a "left handed crescent wrench" and two "cans of compression"

73 es Happy New Year.

Rich K7SZ

Date: Thu, 31 Dec 1998 20:41:54 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [28527] HAPPY NEW YEAR
Message-ID: <368C27E2.1C110E11@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I wish the happiest 1999 to all members of the group: the most thoughtful, helpful, intelligent, considerate, witty, well written and cooperative amateur radio operators in all of hamdom, many of whom have the greatest ears and operating skills imaginable! I look forward to 1999 on this list because there will be many, many helpful, informational and thought provoking topics posted hereon. I can't tell you how much I enjoy - day after day - reading the messages posted on this list, which is better reading than any newspaper or magazine. I SINCERELY HOPE EVERYONE HAS A HEALTHFUL AND JOYFUL 1999. Best wishes to all. Tom, N1TP, in beautiful, tropical, Naples, FL. Nitrox scuba diver and collector of things Jiminy Cricket;; J.D., ' 69, George Washington Law School, Washington, D.C.

Date: Thu, 31 Dec 1998 20:31:21 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <wb3aal@talon.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28528] Re: Novelty QRPp Contest Rule - final, final
Message-ID: <199901010157.UAA07880@fh106.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, there is one more "final" rules notice.

It seems I failed to indicate QRP to QRP contacts should be 1 point. :-(

(Thanks, Ron, for reminding me!)

Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

Date: Thu, 31 Dec 1998 20:49:21 -0500
From: gary_oneil@juno.com (Gary E. O'Neil)
To: ae4yq@mindspring.com
Cc: klqrp@waterw.com, QRP-L@lehigh.edu
Subject: [28529] Knights Before Christmas Score Correction
Message-ID: <19981231.205237.4358.1.Gary_ONeil@juno.com>

On Thu, 31 Dec 1998 15:30:12 -0500 Steven Carr <ae4yq@mindspring.com>

writes:

>
>Did you want to multiply by 4 watts? Seems that would encourage the use
of more >power.
>
>I'm guessing you want to encourage distance and duration, and discourage
power. >That would lead to the following formula:
>
>(rag chew multiplier) * (miles / watt) * (hours)
>
>

You are so correct Sir Steve... but only half of it :- (I also
multiplied by the operating time... My whole calculation was botched :-)

It's been a real rough year for me, but it will be over soon :-)

Sorry for the mistake... My score (estimate) is hereby modified (now
in correct dimensional notation) as follows:

200 "miles" x 3 (rag chew multiplier... no units of dimension)

-
= 360 Miles / WH (4 "watts" x
25/60 "hours")

Sure... Not as impressive a score as 1000 Miles / WH, but still a
valiant and noble attempt at participation with a dipole fed at about 15
feet AGL with both legs meandering across the clay. For me, those were
ground winnings not losses :-)

Have a safe and happy 1999 and may the close of this millennium
bring you peace happiness and prosperity in abundance.

72 de N3G0 now QRT in Raleigh until my antenna grows back next
year :- (

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Date: Thu, 31 Dec 1998 19:01:27 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@lehigh.edu
Subject: [28530] Interesting Story (book)
Message-ID: <368C2C77.51FF75D@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

Just thought that you would like to know about an interesting book that I just finished reading. It's called "Solar Flare" by Larry Burkette. It combines several aspects that are favorites of us here on QRP-L. It tells a fictional story about how life here could change after a disastrous monster solar flare. The story is centered around a solar physicist that predicts the flare and nobody will believe him. I don't want to give away too much, but guess which mode of communication and which group of people that like this mode of communication are the heroes after the flare. I am not sure that it is widely available, but I am sure that web sites like Amazon and such will have it. A very good read.

Jess

--
Jess N0TFI <><
<http://www.concentric.net/~jessqrp> Personal Home page
<http://qsl.net/n0tffi/bug.html> Bug Stories

Date: Thu, 31 Dec 1998 20:08:19 -0600
From: "John R. Glazier" <glazier.john@mcleod.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28531] ?'s/QRP¬ QRP
Message-ID: <368C2E13.3ADD39BE@mcleod.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Some time ago there was a posting on a Ham who had written a windows program to generate your own QSL cards. I did not keep the posting and would now like to find the Web page.

The second question I have (not QRP) is also some time ago a posting was given on a Web page where you could subscribe to amateur radio magazines at a discount as compared to the normal subscription rates through the particular magazine. If anyone has that Web page I would greatly appreciate.

The last and final question which is QRP related. Has anyone installed a tick keyer in a HW-8 and have they removed the T/R relay? Thanks for everyones time.

73's John KI00F

Date: Thu, 31 Dec 1998 21:06:01 -0500
From: wb2vuo@juno.com (W. K. Hibbert)
To: qrp-l@lehigh.edu
Subject: [28532] Re: What is FYBO ?
Message-ID: <19981231.210651.-118713.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Or the Navy version of the "Dumb Question"...

20 Fathoms of "Chow Line"

20 Fathoms of "Water Line"

The valves for the cooling water for the hand rails

and, last but not least, the "Golden Rivit"

72/73, Keith, WB2VU0, (ex-HT1, USS Fulton (AS-11), Shop Stupidvisor, W/C 93A and various other titles like Fire Marshal, Section 2 section leader, etc, etc)

100% QRP from the Great Bergen Swamp of WNY

My night light runs more power than my Rig!!!

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or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 31 Dec 1998 21:26:25 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <glazier.john@mcleod.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [28533] Re: ?'s/QRP¬ QRP
Message-ID: <001801be352e\$252063c0\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: John R. Glazier <glazier.john@mcleod.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, December 31, 1998 9:17 PM
Subject: ?'s/QRP¬ QRP

>Some time ago there was a posting on a Ham who had written a windows
>program to generate your own QSL cards. I did not keep the posting and
>would now like to find the Web page.

|
|
V

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Thu, 31 Dec 1998 21:21:49 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [28534] I is in Ant.. aggrivations...
Message-ID: <19981231.212150.-222559.0.hamjoel@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dearest highest gang:

I is most serious heah - although the language may not show it... really
I knead sum halp... (wife's been telling me that for yrs now)

Seems I keep putting up the wrong antenna at the right time or
whatever...

I had a (20 mtr) w8jk ant up about forty feet... worked great till the
season changed... soes I puts up a bobtail curtain on twenty about 40 ft
to the top of it, in place of the w8jk... stations still weak and going
in and out... however I am copying a lot more stations than I could with
the w8jk...

I am resuming that I am wrestling with a "radiated angle problem"... (I
like that, sounds technical)

The bobtail curtain is a low angle kick B ant and I can heard the west
coast fairly good... however it used to be that if I heard an s9 or
better signal I could work them without any problem... things different
now....

on forty meters I have a half square ant... it seems to be doing fair...
Is this crazy band conditions due to wx and the change of seasons (earth
tilting on axis) or do I got some serious problems heah???

I'm running low on ideas and don't seem to have the energy to want to
fight the sneaux and cold... we done lost all our F degrees heah, in fact
the thermo-meter says we is 5 to ten *F short... I had hoped to be thru
with all this by now....

I do have an Idea on a 32 ft boom-less w/r ant (yagi) but I sheaux don't
want to trample sneaux if it an't gonna do the job.... maybe a cloud
burner???

My cajun mama is worried about her cajun son... can u hep her stop her
worry????

joel wa5cvm in maine, wondering where the signals went...

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: 31 Dec 98 21:27:51 EST
From: Roy Lincoln <wa4dou@usa.net>
To: owner-qrp-1@Lehigh.EDU, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [28535] Re: [Ten TEc 6 meter transverter]
Message-ID: <19990101022751.8660.qmail@www0h.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

So Jeff,

Build a 3 db pad and drive it with 10 watts, or 6 db pad and drive it with 20 watts, or whatever. 73 Roy WA4DOU

need the expert advice of this group

I have a Kenwood 850 and was thinking of building the TT 6 meter transverter now that bands are opening up. The kit says 5 watts input, which worries me about blowing it up.. think that 5 watts is close to bottom line for knwd. anyone build and use one of these.. any good, well come to think of it, doesn't the knwd have a transverter output?

thanks

72

Jeff, AC4HF

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Sat, 2 Jan 1999 02:18:55 -0600
From: k5zty@juno.com
To: hamjoel@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [28536] Re: Fox Hunt... what a mess
Message-ID: <19990102.025642.7062.3.k5zty@juno.com>

You know gang, when I read these pitiful stories from Joel it just tears my heart out. Makes me want to buy that boy a one way ticket back to south Louisiana. He needs some mud between his toes and some bayou water to bathe in.

Bill, K5ZTY
Heartbroken in Houston

. oh my cajun mama was so shamed of her son...
> Me, wal I was too tired and hurting from slipping and sliding
>putting down one antenna and upping the other... You kneaux I never
>have trouble with phideaux and the real fox... dat one u just shot
>with the shoot gun... but these 'lectronic foxes... oh my cajun mama

>so shamed she turn off the stove and padlocked the thing... guess dat
>sheaux me...
>
>joel, displaced cajun, in maine, suffering frum the cold and sneaux

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 31 Dec 1998 21:29:50 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.edu>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [28537] Updated K0EVZ QSL Info
Message-ID: <199812312131_MC2-6528-3B30@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Several have wondered about my new ND QTH :-). So....my correct current
mailing address is in the signature block below.

Have been updating it everywhere as fast possible...but still have not
gotten it completed. Need to send a 610 to FCC so Buckmaster will
update in turn. Anyway, please use this new address and everything will
get to me FB.

ALSO...I am finally current with QSLing. Sent a large batch to the U.S
Post today. Hopefully everyone will receive theirs sometime next week.
Note--a few went to various bureaus, if they came to me that way. So
please don't give up!

Thanks one and all and thanks to everyone for making QRP such a great
community to be a part of. May 1999 truly be a *new* year for each of
us.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507

Date: Thu, 31 Dec 1998 20:37:04 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: hamjoel@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28538] Re: I is in Ant.. aggrivations...
Message-ID: <368C34D0.ED79051B@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joel,

I wonder what time of day you are on 20M? As winter has approached, the MUF has been dropping below 20M shortly after sunset here in Texas for most paths. The MUF has been way above 30 MHz during the daytime though. You might be fighting the changes in MUF due to the season change rather than "radiated angle problem". Good luck.

73,
Steve Yates
AA5TB
Fort Worth
aa5tb@swbell.net
<http://home.swbell.net/aa5tb/>

Date: Thu, 31 Dec 1998 19:36:21 -0700
From: tayloe_d@juno.com (Daniel R Tayloe)
To: azqrp@extremezone.com, qrp-1@Lehigh.EDU
Subject: [28539] Where is CW on 10m?
Message-ID: <19981231.193623.18870.4.tayloe_d@juno.com>

Ok, I want to add a VX0 to my 10m 28.322 MHz transceiver.
Where is most of the CW activity on 10m?

Looking at commonly available crystals, 28.118 looks promising (22.118 VX0 + 6 MHz).

The 38 special got 20 KHz (?) out of a 22.118 crystal, so I figure I can expect the same. That would give roughly 28.100-28.120 MHz.

Alternatively, there is also 28.093 MHz (19.6608 VX0 + 8.432) and 28.049 MHz (19.6608 VX0 + 8.388608). It might be neat to use the 19.6608 and switch between 8.432 and 8.388 to get both 28.073-28.093 MHz and 28.030-28.050 MHz.

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions; QRPL # 696

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 31 Dec 1998 20:41:04 -0600
From: crc <crc@io.com>
To: k7sz@epix.net, QRPL <QRP-L@Lehigh.EDU>
Subject: [28540] Re: Morse emergency stories
Message-ID: <368C35BF.CB420F0A@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I do have a morse non emergency story.

Three years ago on a family camping trip to Big Bend my son and a friend took off to climb a mountain from the campground. The understanding was they were to be back by dinner. As it got darker and darker the group started to worry about the teenagers on the side of the mountain.

The rangers came by and said it was too dark and they would start looking in the morning. About that time SOS started flashing from the mountain. This caused a small panic and much looking with every type of magnification possible, including help from some amateur astronomers in the park.

A ranger finally climbed up in the dark thru the cactus close enough to ask what was wrong, my son answered everything was fine they were ok and in sleeping bags, planning to sleep up there and the only morse that they knew was SOS so they sent that to let us know they were ok. The next day when they got down, with their packs which included a sleeping bag, food, water, a stove and lights, supposedly for a three hour hike. The boys and I stood the long suffering rangers to a serious breakfast and for the rest of the trip we kept coffee on for the rangers.

Needless to say my son now knows the entire alphabet in morse. And I have some new official friends in the park.

Now three years later the rangers still remember us, as I found out when I called to reserve out site for this Xmas.

Charlie WA5KRF

Date: Thu, 31 Dec 1998 22:18:20 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@lehigh.edu>, eax@w3eax.umd.edu, Laurel ARC <larc-1@webtrek.com>
Subject: [28542] Oregonians and 15m
Message-ID: <Pine.LNX.3.95.981231221420.12447B-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

WOW is this ever cool!

New stuff worked since I've been here:

JA on 15 QRP, JA on 40m @ 25w
DU
V6
BV

Someone told me it rains here all the time. It DOES! And I don't even mind! Got to take Maggie pooch up to the top of a local 2000' mountain today (via muddy, muddy trail in the rain) and I have to say that RAIN CAN BE FUN!

Worked BV4ME on 15 on the way home, as well as 2 JA stations, plus UA0CFC and an LU9. Is this fun or what?

Scott Rosenfeld ARS NF3I soon to be N7??
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Thu, 31 Dec 1998 22:22:04 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@lehigh.edu>, eax@w3eax.umd.edu, Laurel ARC <larc-1@webtrek.com>
Subject: [28543] Dayton 1999 and HAPPY NEW YEAR!
Message-ID: <Pine.LNX.3.95.981231221829.12447C-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm trying to get to Dayton this spring, although I have no idea if it'll be a go or not. Mike, whatcha think?

At any rate, best wishes to all in 1999! Remember, if you like ham radio and what it's given you, give it to someone else this year...

Scott Rosenfeld ARS NF3I soon to be N7??
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Thu, 31 Dec 1998 22:10:43 -0500
From: "The one and only!" <mitch96@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28544] F.Y.b.o.
Message-ID: <368C3CB3.EF4708A4@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys,

Or the Navy version of the "Dumb Question"...

20 Fathoms of "Chow Line"

20 Fathoms of "Water Line"

The valves for the cooling water for the hand rails

and, last but not least, the "Golden Rivet"

Last but not least, we use to sent the new x-ray students to central
supply for 10 feet of fallopian tubing, and plant engineering for a
bucket of sterile steam.

mitch Ww4mL

Date: Thu, 31 Dec 1998 22:23:43 -0500
From: Richard Arland <k7sz@epix.net>
To: qrp-l@lehigh.edu
Subject: [28545] QRP Net List
Message-ID: <368C3FBE.A40EE6B8@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone know where I can obtain a COMPLETE listing of the various QRP nets, times and freqs on HF? Just point me in the right direction to the proper web site.

73 es tn timer
Rich K7SZ

Date: Thu, 31 Dec 1998 22:41:20 -0500
From: "Bernard F. Gaffney, Jr." <n8pvz@acd.net>
To: qrp-l@lehigh.edu
Subject: [28546] New Years Resolution - 5BWAS/QRP or Bust
Message-ID: <3.0.32.19981231224115.0068da70@pop3.acd.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Best of propagation to all in the coming year.

My #1 resolution for the year: 5BWAS/QRP by 1998-12-31. 31 confirmed contacts down, and 219 to go. So if you hear N8PVZ calling, please give a call back.

Tnx to all and to all a prosperous and happy new year. And may the bands be with you.

72 de N8PVZ

---bernie

Bernard F. Gaffney, Jr.
n8pvz@acd.net
<http://www.familytreemaker.com/users/g/a/f/Bernard-F-Gaffney-Jr/>
Searching for Gaffney, Gascho, Moers, and Hetzer

Date: Thu, 31 Dec 1998 22:43:08 -0500
From: "Bernard F. Gaffney, Jr." <n8pvz@acd.net>
To: qrp-l@lehigh.edu
Subject: [28547] New Years Resolution - 5BWAS/QRP or Bust
Message-ID: <3.0.32.19981231224246.00691160@pop3.acd.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Best of propagation to all in the coming year.

My #1 resolution for the year: 5BWAS/QRP by 1999-12-31(**minor correction**). 31 confirmed contacts down, and 219 to go. So if you hear N8PVZ calling, please give a call back.

Tnx to all and to all a prosperous and happy new year. And may the bands be with you.

72 de N8PVZ

---bernie

Bernard F. Gaffney, Jr.
n8pvz@acd.net
<http://www.familytreemaker.com/users/g/a/f/Bernard-F-Gaffney-Jr/>
Searching for Gaffney, Gascho, Moers, and Hetzer

Date: Thu, 31 Dec 1998 23:08:10 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@lehigh.edu>, eax@w3eax.umd.edu, Laurel ARC <larc-1@webtrek.com>
Subject: [28548] No longer NF3I
Message-ID: <Pine.LNX.3.95.981231230418.12447I-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, it happened.

The FCC gave me a New Year's and Birthay (Jan. 5) present:

N7JI

When I was first licensed in 1984, I was KA3NJI.

When I moved out here to Oregon, I went lookin' for a newfangled 7-call, but there weren't many of them left. HOWEVER, N7JI was, and "NJI" was a pretty familiar combo of letters, nice rhythm, etc.

So for the paltry sum of \$13 (per ???, FCC still hasn't said how often) I am now N7JI.

Wonder who that 1st QSO'll be with?

Scott Rosenfeld ARS N7JI
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Thu, 31 Dec 1998 22:55:11 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Dan Copeland <dcopeland@wwn.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28549] QRP-L Gentleman's Agreements
Message-ID: <Pine.OSF.3.95.981231224802.29950A-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Let's not be sexist, we'll call it, Civilized Behavior...

On Thu, 31 Dec 1998, Dan Copeland wrote regarding the NORCAL paddle
listed on ebay:

> This is not a gripe. Since I am new to the list (on for 2 years) I was
> just wondering if there is any other "gentleman's agreement" that I am
> not aware of?
> Dan KF00V

Gang,

If you'd be so kind as to email me with YOUR thoughts, I'll be happy to
consolidate them and post a list to QRP-L.

This should get the new year off with a BANG.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Thu, 31 Dec 1998 23:22:10 -0500
From: andymeng@juno.com (Andy C Meng)

To: qrp-1@lehigh.edu
Subject: [28550] Re: Interesting Story (book)
Message-ID: <19981231.232213.8958.3.andymeng@juno.com>

Yeah, I found it in our churches library and read it a couple months ago. It's pretty neat, especially when the flare hits and they need people like us to carry on communication! I'm glad that Larry Burkett realized this and put it in his book. His previous two books are also interesting. The other interesting part is in the end when there are major social and moral changes. But, I will not give it entirely away either.

Andy KC8KFI

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or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 31 Dec 1998 23:50:13 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28551] RE: QRP-L Gentleman's Agreements and ebay
Message-ID: <000d01be3542\$37a92c20\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wow! I didn't know it was listed on ebay... hm-m-m... certainly goes against the grain of all of our efforts... as much as we try to conserve through the use of minimal necessary power, we all generally try and do what we can for each other, situation and price included.

Bottom line: it absolutely does not belong on ebay-IF it's a QRP-L-minded seller. It is possible, after all, that someone not really a part of all this (QRP-L) saw it, and bought it, and no longer wants it. HE can't be held responsible for an attitude/philosophy/whatever that he is completely unaware of.

Of course, if it IS "one of us": not a good move dude!

P.S. There's NOTHING wrong per se with selling something on ebay... I personally have sold anything QRP'ish I have had to resell (here-not on ebay) for the original price (probably plus whatever postage was involved-or less.) Everybody complains about ebay and about prices... but the simple

solution to both is to understand what an item is worth TO YOU, and pay (or bid) that, or NOT-if it isn't enough. If somebody prices something out of your reach, well, maybe he won't sell it for that. If you get outbid on ebay, console yourself that it was sold for more than YOU were willing to pay. If some idiot pays far too much for something, well, whose loss is it? Not yours-not if you bid every cent it was worth to you (remember: that max bid does not show to anyone, until its amount is exceeded, and you may very well get whatever it is for less.)

The important thing is that you bid what it was worth to you, and not one cent more. That way you do not get caught up in some kind of macho bid war, nor can you be outbid by those last minute guys-the ones who try and sneak a bid in so late, that the bidding closes before the now-previous high bidder can come back with a bid. He can't outbid you because you bid all it was worth to you-and if he outbids that: you're not interested anymore. It DOES work, consolation-wise. And it prevents the bidding war business.

My own opinion about ebay in general, is that it is the very definition of laissez faire capitalism. Unfortunately for many buyers, the size of the pool of potential customers is so large, that there is often someone who either has more \$\$\$ than sense; no knowledge about the item's true worth; or simply decides he IS going to "win" / "take" a given item. That guy is willing to outbid you. But if you have bid ALL that it's worth to you, so what. There WILL be another unit... if not on ebay, more likely here, or one of the other reflectors. It's a difficult decision not to blame someone you know for selling on ebay... but in truth, how can you blame someone for wanting to make all he can get for something? *** Excluding the kind of principle the NorCal paddle is associated with. ***

I don't think any of us has trouble with the principles here. We wouldn't sell our current car for \$1.00 to someone... we would try and... what?... we would try and get all that we could for it. Barring certain exceptions, there's nothing at all wrong with that.

It isn't so much that we QRP-types or Boat-Anchor types, or even WORSE: we QRP AND Boat Anchor Types...
it isn't so much that we expect to get things priced less 'cause we're such nice guys...
and it isn't so much that things sold on ebay are in some way being unfairly sold...
rather I would suggest that we often have the preconceived notion that the unit will sell for more on ebay than it would here. I would also repeat that we ALL prefer to get the most \$\$\$ for whatever we sell-with certain exceptions. Whether a unit sells for more or not, it entirely up to each of us to identify the value TO US of something for sale (on ebay or not) and if we succeed, fine. If we don't, we keep looking.

I believe there is a higher likelihood that a given unit will sell for more

on ebay. Not necessarily-but there's a good chance of it. Fine. Quit worritin (as Frodo would say) about ebay-it is what it is, and you CAN deal with it. I do pretty well there... but mostly for stuff like parts (5000 resistors for \$2.50) and stamp sheets to frame. I do LOOK at the equipment, but to tell the truth, it normally winds up priced higher than I'm willing to pay. So be it.

I shall now step down from the podium and let someone else go at it.

Happy New Year everybody!

Date: Thu, 31 Dec 98 23:46:21 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [28552] Elmer205: 990101 Diode Modeling in SPICE
Message-ID: <199901010542.AAA55100@nss4.cc.Lehigh.EDU>

Gang,

READING BACKGROUND:

ARRL HB 1995 or later: 8.12-13, 8.17-20, 10.6-8, 26.10-11, and 27.24.
SSD 7-9

Jan and April 1998 issues of QRP Quarterly from QRP ARCI for
articles by K5FO

Some interesting web sites to bookmark for now and later:

<http://www.ee.washington.edu/eecs/models>
<http://cbis.ece.drexel.edu/ECE/ECE-E352/vendorsp.html>
<http://commerce1.ba.test.com/~symetry1/freestuff.html>
<http://www.fairchildsemi.com/models/>
<http://www.rpi.edu/~toths/spice.over.html>

Hope I didn't make too many typos on the URLs.

Let's look at two things at one time. I'm sure that you all can
handle this without any problems.

Within SPICE you may vary a DC voltage source. Let's say we have an input source specified by the line

```
VIN 1 0 DC 0
```

This means that the voltage is DC with a value of 0V and the positive node is at node 1 and the negative node of the DC source is at node 0, i.e. the ground node. The name of the source voltage is VIN.

We may vary the voltage with another line in the circuit file with

```
.DC VIN -1.0V 1.5V 0.01V
```

This now makes VIN a sweep voltage, i.e. it changes value over a range thus "sweeps" the circuit with the variation in the voltage. With VIN being the name of the source we are varying, -1.0V the starting voltage, 1.5V the final voltage, and 0.01V the step size of the amount by which we will vary the voltage for the range from beginning to end.

Thus VIN will vary with the values of

-1.00V, -0.99V, -0.98V, ..., 0.00V, 0.01V, ... , 1.50V

The format for the .DC control line is

```
.DC <voltage source name> <start> <end> <step>
```

we'll later see a similar line for AC voltages also.

Now watch out as some versions of SPICE, in particular PSPICE, may allow an extra parameter to tell if you are going to vary linearly or otherwise. SPICE2G6 and SPICE3F5 do not, so I'll assume that we are using these versions of SPICE.

The second thing that we want to study is the diode and the model parameters for particular devices. We now embark on the use of active devices such as the diode and transistor whose behaviour in a circuit is determined by current conditions.

For a diode we need a line of the form

```
D<name> <+anode> <-cathode> <model name> [area value]
```

where <.> means the value is required and [...] means optional. We'll come back to the [area value] at a later date and show where it would be used.

D1 44 0 1N4148

would indicate that we have a diode D1 connected between node 44 and ground with the anode at node 44 and it is a 1N4148. Unless we have a library of models and a line to point to it we have to include a line or lines for the parameters for the 1N4148 diode. For the model parameters we need a line of the form

```
.MODEL <model name> D( ...parameters... )
```

where D tells use that the part is a diode. The parameters are critical to setup the type of diode such as a Si, Ge, switching, zener, or other type diode. There are 14 internal parameters that SPICE uses and I won't bother to go into all the physics and details unless you want about 30 pages of text and equations... But here are the parameters and their names with default values that will be used if you don't specify them in the model parameters.

Name	Parameter	Units	Default Value
IS	Reverse Leakage Current	V	1.0E-14
RS	Diode Series Resistance	ohm	0.0
N	Emission Coefficient	-	1.0
BV	Diode Breakdown Voltage	V	Infinity
IBV	Diode Breakdown Current	amp	1mA
CJO	Zero-bias junction cap.	Farad	0.0
VJ	Bulk Junction Potential	V	1.0
FC	Coefficient for capacitance	-	0.5
M	Grading Coefficient	-	0.5
TT	Transit Time	S	0.0
EG	Energy Gap	eV	1.11
XTI	Temperature Coefficient	-	3.0
KF	Flicker-noise coefficient	-	0.0
AF	Flicker-noise exponent	-	1.0

Now don't worry if none of this means anything. This is shown here to show you that there is a lot behind the scenes going on and that you want to be very careful about modifying parameters in models and make very very sure that you know where your model(s) came from. They could be in error or off a little because of the manufacturer specs or unknown history of your parts that you use.

Now because a model uses so many parameters the line has to be continued, so a + in column 1 of line(s) following the first line indicate that the parameters are still being specified. We'll see this a lot especially when

we get to transistors.

Here are two model parameters for the 1N34A and the 1N4148 diodes, the first being the famous Ge diode and the 1N4148 the popular Si diode in QRP gear.

```
.MODEL 1N34A D( bv=75 cjo=0.5e-12 eg=0.67 ibv=18e-3  
+              is=2e-7 rs=7 n=1.3 vj=0.1 m=0.27 )
```

```
.MODEL 1N4148 D(Is=0.1p Rs=16 CJO=2p Tt=12n Bv=100 Ibv=0.1p)
```

So we are now ready to plot the current-voltage characteristics of these two diodes with the two data sets below. Put the first one in a file called 1N34A.CIR and the second in a file 1N4148.CIR by cut and pasting the lines between the dashed lines. If you have a problem, I can put the two files on my web site for access. I plan on doing this but won't be in any hurry as I think you need the practice working out these 'computer' exchange problems that we all run into and work out in our own way.

Now SPICE does not have a current meter, so we put a dummy voltage source called VTST in the circuit with a value of zero. If you print or plot I(VTST) you will get the current value THROUGH VTST.

So your assignment is to run both files and do a

PLOT I(VTST)

after running the simulation. Note that SPICE doesn't know that you will probably destroy the 1N34A when the current gets past say 80mA or so. :-) Saves you a lot of money if you know this before using it in a circuit where the current limit will be exceeded.

SPICE3F5 has the ability to print the plots if you have printer capability and the drivers. I spent two days surfing the Internet to get the Epson inkjet drivers and getting it to work. FTP'ng with Netscape did not work for me and I wound up using FTP for windows to finally get the files uncorrupted.

For the more advanced and adventuresome students.

How would you combine a circuit to get both the 1N34A and 1N4148 curves plotted on the same plot?
HINT: Make two parallel circuits with two test voltages and plot both. I'll give a solution in a week or so after everyone has a chance to work on this.....

Good luck and enjoy. FYI

1N34A.CIR

Test of Diode model for 1N34A Ge Diode

*

```
VIN 1 0 DC 0
VTST 1 2 DC 0
D1 2 0 1n34a
```

```
.PRINT DC V(1) V(2) I(VTST)
```

```
.DC VIN -1.0V 1.50V 0.01V
```

```
.MODEL 1N34A D ( bv=75 cjo=0.5e-12 eg=0.67 ibv=18e-3
+               is=2e-7 rs=7 n=1.3 vj=0.1 m=0.27 )
```

```
.END
```

1N4148.CIR

Test of Diode model for 1N4148 Si Diode

*

```
VIN 1 0 DC 1
VTST 1 2 DC 0
D1 2 0 1N4148
```

```
.PRINT DC V(1) V(2) I(VTST)
```

```
.DC VIN -1.0V 1.50V 0.01V
```

```
.MODEL 1N4148 D(Is=0.1p Rs=16 CJO=2p Tt=12n Bv=100 Ibv=0.1p)
```

```
.END
```


--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Fri, 1 Jan 1999 00:30:24 -0500
From: wb2vuo@juno.com (W. K. Hibbert)
To: qrp-1@Lehigh.EDU
Subject: [28553] Happy New Year and some Resolutions, QRP and Others
Message-ID: <19990101.003659.-9649.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Firstly, a Happy New Year to all on the List. May 1999 exceed your wildest expectations.

However, please remember that this is a hobby, not just a hobby but still a hobby.

"An Amateur is Balanced", says the fifth section of "The Amateur's Code", from Paul M. Segal. The whole Code is printed in the front of the "Radio Amateur's Handbook" and worth reading and considering while you plan your next year in this, the best hobby in the Known Universe.

Balance means accepting the fact that not all amateurs will run QRP...
Balance means also accepting that some will operate SSB...
And RTTY...
And AMTOR...
And FM...
And some will get the Bends if they operate below 50 MHz...
And some will get nosebleeds if they stray above 50 MHz...
And some still think of their bands in wavelengths or Megacycles...
And some can't (legally) drink yet, or vote...
And some will not be with us much longer...
And some are not with us any longer...

Most of all, Balance means that there is a World outside of Amateur Radio, and we all have to live in it. Family is, and always will be more important than getting on the air, building (yet) another kit, chasing a Fox, or that new country/county/Zone/Prefix/State/Etc...

In all that we do in the hobby, Balance is the most important thing to keep, and in keeping a Balance between our lifetimes and our pastimes, we will all have a better year as will our families and friends.

Get on the air, please! Get out with your kids, grandkids, spouses, significant others and families, PLEASE! Enjoy life to the max, your first time around is the best.

72/73, Keith, WB2VUO, 100% QRP from the Great Bergen Swamp of WNY
My night light runs more power than my Rig!!!

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 Jan 1999 01:11:35 EST
From: Ab7wy@aol.com
To: qrp-l@lehigh.edu
Subject: [28554] Re: FYBO Plans
Message-ID: <28c80453.368c6717@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 12/31/98 4:25:57 PM Pacific Standard Time,
w4pj@w4bkx.ampr.org writes:

<< How about operating from some place like The Florida Keys?
It's only an hour or so to drive down the Overseas Highway
from here. I guess I'd need to bring sunglasses and suntan
lotion, shorts and flip-flops for attire. Oh, don't forget
the fins, mask and snorkel, BBQ grill and a big pot for the
Stone Crab claws and Florida Lobsters. Man, I'm getting all
worked up just thinking about it. >>

uh...FYBO roughly translates into "freeze your b***s off"....but this section
of your post sounds real good to me!! it should be KYBARATB...that would be
"keep your b***s and relax at the beach".

73...Adam, N7YA
cold and wet in Washington state

Date: Fri, 01 Jan 1999 01:22:31 EST
From: we6w@juno.com (Ed Loranger)
To: k8dd@contesting.com
Cc: qrp-1@Lehigh.EDU
Subject: [28555] Re: The Arkansas QRP Club Millennium Challenge
Message-ID: <19981231.222153.4399.1.we6w@juno.com>

Hey Gang, it has started :) only 369 days left in the
AR QRP Club Millenium Challenge.

Information is posted on December 11th 1998 archive.
Just make QRP qso's until January 5th 2000 and track them.
You'll see the rules by then :) <370 day challenge.>

First 6 QSO's tonight were at 600 milliwatts and were
for SKN.

Happy New Year! Tweeeeeeeet!
72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium Count=6
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 Jan 1999 02:26:22 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Joe Gervais <vole@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28556] Re: MD FYBO Plans...
Message-ID: <Pine.3.89.9901010249.B24988-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 31 Dec 1998, Joe Gervais wrote:

>
> I don't know... I know at least one AZ QRPer and
> one CO QRPer who plan to be snowcamping at 9,000 ft,
> and one's got terrain drop-offs like you wouldn't
> believe! Add in an AK FYBO Field Op and the MN QRP
> gang, and it's gonna be one heck of a run. *8-)
>
> Better stop wasting all that cold wx now and save
> it for Feb. 6th.... :-)
>

And don't forget us frigid South Florida guys! We just had a cold front push through and drop us into the mid 60's. Brrr!!

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Fri, 01 Jan 1999 01:50:59 -0600
From: Michael Lodge <mlodge@pdq.net>
To: qrp-l@Lehigh.EDU
Subject: [28557] Re: Norcal Paddle Kit
Message-ID: <368C7E63.3BF2FCB0@pdq.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

..Speaking of..I'm interested in acquiring one of these little gems, if possible in unconstructed kit form. If anyone has one, kit or complete, that they would like to sell, please contact me directly.

thanks,
Michael Lodge - K7LEX
mlodge@pdq.net

Date: Fri, 01 Jan 1999 08:10:08 -0500
From: Richard Arland <k7sz@epix.net>
To: wb2vuo@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28558] Re: Happy New Year and some Resolutions, QRP and Others
Message-ID: <368CC930.4F6131B4@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Outstanding, Keith! VERY well said.

73 es Happy New Year

Rich K7SZ

W. K. Hibbert wrote:

>
> Firstly, a Happy New Year to all on the List. May 1999 exceed your
> wildest expectations.
>
> However, please remember that this is a hobby, not just a hobby but still
> a hobby.
>
> "An Amateur is Balanced", says the fifth section of "The Amateur's Code",
> from Paul M. Segal. The whole Code is printed in the front of the "Radio
> Amateur's Handbook" and worth reading and considering while you plan your
> next year in this, the best hobby in the Known Universe.
>
> Balance means accepting the fact that not all amateurs will run QRP...
> Balance means also accepting that some will operate SSB...
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> And AMTOR...
> And FM...
> And some will get the Bends if they operate below 50 MHz...
> And some will get nosebleeds if they stray above 50 MHz...
> And some still think of their bands in wavelengths or Megacycles...
> And some can't (legally) drink yet, or vote...
> And some will not be with us much longer...
> And some are not with us any longer...
>
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> Radio, and we all have to live in it. Family is, and always will be more
> important than getting on the air, building (yet) another kit, chasing a
> Fox, or that new country/county/Zone/Prefix/State/Etc...
>
> In all that we do in the hobby, Balance is the most important thing to
> keep, and in keeping a Balance between our lifetimes and our pastimes, we
> will all have a better year as will our families and friends.
>
> Get on the air, please! Get out with your kids, grandkids, spouses,
> significant others and families, PLEASE! Enjoy life to the max, your
> first time around is the best.
>
> 72/73, Keith, WB2VUO, 100% QRP from the Great Bergen Swamp of WNY
> My night light runs more power than my Rig!!!
>
> -----

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> or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 01 Jan 1999 08:36:30 EST
From: jalbertin@juno.com (Jerry Albertin)
To: qrp-l@lehigh.edu
Subject: [28559] re: key/keyer question responses
Message-ID: <19990101.083539.4967.1.JAlbertin@juno.com>

I would like to publicly thank all that responded to my question. The response is greater than I imagined and I am now going over all the options presented.

This list is GREAT!!

This type of cooperation and help is what makes ham radio the most worthwhile hobby going.

Again thanks to all that responded

72/73....Jerry kg2jff

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 Jan 1999 09:28:26 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [28560] Re: TIMES SQUARE CELEBRATION
Message-ID: <199901011426.JAA37350@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Didn't know that about the ball dropping at Times Square.

What happened to the apple? They had a Big Apple for a few years.

I work one short block from One Times Square where they drop the ball. We used to see them working on it a couple of days before New Years. Don't know how those people get ready from early morning and stay there all day. My brother's a Sgt. on the NYPD and he tells me there's really not a lot of trouble. Amazing with half a million people in a few block stretch.

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Fri, 01 Jan 1999 10:53:20 -0500
From: "W. Kimura" <w.kimura@valley.net>
To: qrp-1@lehigh.edu
Subject: [28561] Re: What is FYBO ?
Message-ID: <199901011553.KAA14640@orford.valley.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:42 PM 12/31/98 -0500, you wrote:

>Joe Gervais wrote:

>>

>> Howdy Scott and Folks,

>>

>> Scott (W4PJ) wrote:

>>

>> > Sorry folks if this is a dumb question...

>>

>> Unless you're on an airbase asking where you can

>> get 100 yds of "flight line", there's no such

>> thing as a dumb question. ;-)

>

>OR....they send you looking for 50 gallons of "prop wash",

>a "left handed crescent wrench" and two "cans of compression"

>

>73 es Happy New Year.

>

>Rich K7SZ

>

OR...in the old Navy you went looking for the "grid leak catch pan"

72, Kim Kimura N1MVU

Date: Fri, 1 Jan 1999 10:05:10 -0600
From: "Larry Cruise" <aa5ta@texasonline.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [28562] FREE/Beacons/Grayline/Propagation
Message-ID: <000601be35a0\$a1f6d420\$8c10cfd0@fpfzqlga>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you have any interest in the above you need this FREE app called
BeaconWizard++. Download it at
http://www.taborsoft.com/softstuff/ABW_Page.html You will be impressed like
I was.

72 & Happy New Year to all.

-Larry AA5TA (West Texas)

Date: Fri, 01 Jan 1999 10:09:58 -0600
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.EDU
Subject: [28563] RE: QSL program
Message-ID: <368CF356.2ED@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

John,

<http://members.tm.net/jjmcd/hamradio.htm>

I use the program and have played with it quite a bit..... very
useful..... especially when upgrading soon and not wanting to print
cards when ur call may change <grin>.

73

--

Michael Melland, KB9QHU
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656

CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.vbe.com/~badger>
<http://www.qsl.net/kb9qhu>

Date: Fri, 1 Jan 1999 10:21:45 cst
From: wj5o@juno.com (William H. Hays)
To: TENTEN-L@LEHIGH.EDU, QRP-L@LEHIGH.EDU
Subject: [28564] Beacons heard on 10M
Message-ID: <19990101.102147.-500559.0.WJ50@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,
Sun spots "heating" up.
Logging beacons into South Texas 1 Jan 98 16:00Z
W3VD 28.296MHz
NQ2RP 28.287MHz 125MW
W8BEP 28.270MHz
N7LT 28.248MHz
W2IK 28.242MHz
VA3SSB 28.241MHz
N2VMF 28.236MHz
N1WRG 28.235MHz
W6TOD 28.221MHz
K2KL 28.218MHz
VE4ARM 28.193MHz
VE3TEN 28.175MHz

Best for you in 1999
73 Bill WJ50

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 Jan 1999 11:18:29 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:n8pvz@acd.net" <n8pvz@acd.net>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, //QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [28565] New Years Resolution - 5BWAS/QRP or Bust
Message-ID: <199901011122_MC2-6522-CC76@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Bernie:

Well here is a fellow QRPer--from NORTH DAKOTA--who is willing to assist
(or any others)!!

Just let me know...

Good luck with your project. Guess I need to do something like this too.
Hmmm...

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Fri, 01 Jan 1999 11:28:10 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: w.kimura@valley.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28566] Re: What is FYBO ?
Message-ID: <368CF79A.D1FE94B3@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In the Army in Germany soldiers would come by the supply room from
time-to-time asking for the "keys to the oar lock" or "the sky hook."
The most memorable time, however, was when private X came by asking for
his "masturbation papers." Major Van D. Booth, who had no sense of
humor whatsoever ordered the dumbfounded soldier: "Son, go over to the
library and look up the word." Tom, N1TP.

"W. Kimura" wrote:

> At 08:42 PM 12/31/98 -0500, you wrote:
> >Joe Gervais wrote:

> >>
> >> Howdy Scott and Folks,
> >>
> >> Scott (W4PJ) wrote:
> >>
> >> > Sorry folks if this is a dumb question...
> >>
> >> Unless you're on an airbase asking where you can
> >> get 100 yds of "flight line", there's no such
> >> thing as a dumb question. ;-)
> >
> >OR....they send you looking for 50 gallons of "prop wash",
> >a "left handed crescent wrench" and two "cans of compression"
> >
> >73 es Happy New Year.
> >
> >Rich K7SZ
> >
> OR...in the old Navy you went looking for the "grid leak catch pan"
>
> 72, Kim Kimura N1MVU

Date: Fri, 1 Jan 1999 09:50:16 -0700
From: tayloe_d@juno.com (Daniel R Tayloe)
To: jokortge@cwix.com, azqrp@extremezone.com, qrp-1@Lehigh.EDU
Subject: [28567] Re: Where is CW on 10m?
Message-ID: <19990101.095144.15382.0.tayloe_d@juno.com>

On Fri, 01 Jan 1999 10:16:06 -0500 "Jim Kortge, K8IQY"
<jokortge@cwix.com> writes:
>At 07:36 PM 12/31/98 -0700, you wrote:
>Hi Dan.....

>More if you put two crystals in parallel.

Yes, I have been considering the Super VX0 also. Two
crystals should give you $(1+1)^{1/2}$ or 1.4x the frequency
range.

>>Alternatively, there is also 28.093 MHz (19.6608 VX0 + 8.432)
>>and 28.049 MHz (19.6608 VX0 + 8.388608). It might be neat to
>>use the 19.6608 and switch between 8.432 and 8.388 to get

>>both 28.073-28.093 MHz and 28.030-28.050 MHz.

>I'd be interested in whose crystal table you are looking at.
>I don't see those values in the parts catalogs that I have.
>Care to share your source?

I was looking in the latest Digikey Catalog. I just got it.
Epson cylinder-type crystals.

8.388608 = SE3415-ND \$1.17
8.432 = SE3416-ND \$1.17
19.6608 = SE3437-ND \$1.17

Also ECS crystals:

21.47727 (x044-ND, \$1.85) + 6.5536 (x018-ND, \$0.84)
= 28.03087 MHz

4.433618 (x083-ND, \$0.84) + 23.592 (XC559CT-ND, \$3.59)
= 28.025 MHz

I wrote a simple spread sheet to calculate all spur
frequencies +/- all harmonics of F1 and F2 up to the 11th
harmonic, and the best look like 22.118 & 6 MHz (28.1-28.120),
and 4.433 + 23.592 (28.0-28.05).

I am using a Tayloe detector with a 1x clock, so I go
straight to digital with the VX0 output, but I am not sure
about the effect of the minor harmonics when I square things
up. I would rather avoid them if I can.

- Dan Tayloe, N7VE

>
>72 and Happy New Year.....Jim, K8IQY
>
>
>

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Date: Fri, 1 Jan 1999 09:49:32 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>

To: <wj5o@juno.com>
Cc: "QRP-L" <QRP-L@lehigh.edu>
Subject: [28568] Re: Beacons heard on 10M
Message-ID: <002201be35a7\$0a9e2720\$6fa8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there a webpage some where with a list of 10m beacons? I've not been able to locate it if there is? Tks, Steve.

2/52 - NT QSOs in '99 ...Steve/n0tu-Monument,CO
<http://www.webaccess.net/~s&p/HRindex.htm>

-----Original Message-----

From: William H. Hays <wj5o@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, January 01, 1999 9:16 AM
Subject: Beacons heard on 10M

>Hi All,
>Sun spots "heating" up.
>Logging beacons into South Texas 1 Jan 98 16:00Z
>W3VD 28.296MHz
>NQ2RP 28.287MHz 125MW
>W8BEP 28.270MHz
>N7LT 28.248MHz
>W2IK 28.242MHz
>VA3SSB 28.241MHz
>N2VMF 28.236MHz
>N1WRG 28.235MHz
>W6TOD 28.221MHz
>K2KL 28.218MHz
>VE4ARM 28.193MHz
>VE3TEN 28.175MHz

>

>Best for you in 1999
>73 Bill WJ50

>

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<http://www.juno.com/getjuno.html>
>or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 Jan 1999 12:14:49 -0500
From: w4bws@juno.com (Donald E Sanders)
To: kfglynn@prodigy.net
Cc: qrp-1@Lehigh.EDU
Subject: [28569] Re: TIMES SQUARE CELEBRATION
Message-ID: <19990101.121849.3670.4.w4bws@juno.com>

With that many people in such a small space there is not much room for trouble. BTW, it was 17 degrees F last nite in Times Square. I thought 56 F was cold here in Florida.

Donald Sanders W4BWS

694 E. Eau Gallie Blvd. Satellite Beach, FL 32937

407-779-0222 Fax 407-779-0830

W4BWS@juno.com

My favorite QRP rig glows in the dark

On Fri, 1 Jan 1999 09:28:26 -0500 "Kevin F. Glynn" <kfglynn@prodigy.net> writes:

>Didn't know that about the ball dropping at Times Square.

>

>What happened to the apple? They had a Big Apple for a few years.

>

>I work one short block from One Times Square where they drop the ball.

> We

>used to see them working on it a couple of days before New Years.

>Don't

>know how those people get ready from early morning and stay there all

>day.

>My brother's a Sgt. on the NYPD and he tells me there's really not a

>lot of

>trouble. Amazing with half a million people in a few block stretch.

>

>72 Kevin N2T0

>Brooklyn, NYC

>kfglynn@prodigy.net

>

>

>

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 01 Jan 1999 12:22:46 -0500
From: "Charles D. Feigley Sr." <feigleyc@gte.net>
To: qrp-l@lehigh.edu
Subject: [28570] THANK YOU
Message-ID: <368D0466.43E5@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I would like to take this opportunity to thank each and everyone on this list. 1998 was not a good year for me. 8 trips to the hospital with 4 stays over a week, 36 trips to various doctors, 121 perscriptions filled and consumed, has taken a harsh toll on my being.

But you all on this list have given me reason to keep on. I read every post on the list, good, bad, argumentive, complimentary. I have aquired a lot of knowledge and the desire to upgrade from tech to as far as I can go. As soon as the doc says I can, I'm going to go and take my general code and theory test. Then I want to assemble a HF cw station as soon as finances permitt.

I thank God for each and everyone of you. Please keep posting and hopefully I will be able to QSO with each and everyone of you on the bands.

From my heart THANK YOU AND HAVE A PROSPEROUS 1999.

Charles D. Feigley Sr. WA8CUL

(Please forgive the spelling)

--

CHARLES D. FEIGLEY SR.	[ex-KE4UON]	WA8CUL	feigleyc@gte.net
LATITUDE	27.93	EL87PW	
LONGITUDE	-82.73	GMT-5.0	

~ AMATEUR RADIO TELESCOPE UNDER CONSTRUCTION ~

MEMBER: THE SOCIETY of AMATEUR RADIO ASTRONOMERS
QRP-L #1752 AK/QRP #417

Date: Fri, 1 Jan 1999 10:22:35 -0700
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Subject: [28571] Jan. 1, 1999/FYB0 1999
Message-ID: <19990101.102242.-333787.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gee, Mom & Dad what did you do on New Year's Eve?

My lovely bride {WB5LYJ} of 21 years had decided to put the SW-20 kit {NN1G design} together. She did not like my homebrew kluges. Instead, she had chosen a more professional route. ;-) A very wise choice.

New Year's eve was spent putting the SW-20 xcvr kit together. As the clock hit 0000 MST, Jan. 1, 1999 the xcvr was done & the receiver had come a live.

Warning, if you should hear WB5LYJ around 14.053 MHz +/- QRM today, that massive signal is due to one NN1G designed SW-20 @ 2 watts. She has no problem copying cw @ 25 wpm, however if you get above 30 wpm, she will ask you to slow down. I think she will be using the J-38 since it is the ARRL SKN. That will hard limit her to 15 wpm.

<http://www.arrl.org/>

Click on contests {Straight Key Night}

WB5LYJ will not participate in FYBO, but I will. I will be live from East Central Arizona in the White Mountains for FYBO 1999. Remember, there is a prize for someone who works the most FYBO stations who are operating from Az. All of the info is at the following url;

<http://www.extremezone.com/~ki7mn/>

click on qrp contests

Our prize guy {AB7TT} can provide you with all the information if you are browser challenged.

<mailto:vole@primenet.com>

Oh, where are all of these Sierras on RTTY? I have been listening above 7,080 KHz @ night.

Happy 1999...Jay, WA5WHN DM65qd

Albuquerque, NM USA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 02 Jan 1999 00:06:52 -0600
From: W5TB <w5tb@softhome.net>
To: n0tu@webaccess.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28572] Re: Beacons heard on 10M
Message-ID: <3.0.3.32.19990102000652.0074ae60@pop.SoftHome.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:49 AM 1/1/99 -0700, Steve/n0tu wrote:
>Is there a webpage some where with a list of 10m beacons? I've not
>been able to locate it if there is? Tks, Steve.

steve -- try the 10-10 beacon list at
<http://listserv.lehigh.edu/lists/tenten-l/beacons.html>

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
NORCAL ZOMBIE ARRL Life Member QRPARCI # 3252
QRP-L #673 FISTS # 5365

Date: Fri, 1 Jan 1999 13:17:27 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-l@lehigh.edu
Subject: [28573] mods
Message-ID: <19417-368D1137-1476@mailtod-132.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

anyone have a mod for a eagle apache model 240 to get it to 29600,it
stops at 28665?, tnx 73 pat/k8len

Date: Fri, 01 Jan 1999 13:24:55 EST
From: we6w@juno.com (Ed Loranger)
To: AE4IC@NR.INFI.NET
Cc: qrp-1@lehigh.edu
Subject: [28574] WE6W LOG:QRPP Novelty Contest
Message-ID: <19990101.102356.4487.1.we6w@juno.com>

Hi Bob, Here's my Entry and totals for the
3 nights. Great Contest OM!
I have selected the SPC's and points from
ONLY 12/30 and 12/31 operating nites. But
entire log follows.

Total score:612 Points.

Contest: QRPP Novelty Contest 1998
Dates: 12/29 thru 12/31 1998, 0230-0430 UTC.
Station Information:
Operator: Ed Loranger WE6W
RIG: Pixie2 at 500 mW.
Key:Bug, Les Logan #501
BAND: ONLY 40 Meters.
Standard Exchange: WE6W RST CA PX ED

=====

12/29/1998 Log

=====

TIME	CALL	RST	SPC	RIG	Name	SENT
		PTS	Mult			
0239	NQ7RP		559	AZ		
	KW	Floyd	559	20	AZ	
0253	N7RVD		559	WA	HB2	Brian 559
2	WA					
0256	W5VB0		559	AZ	TT	Brian 569
2	--					
0310	KI7MN		579	AZ	IC	Bob 579
2	--					
0355	K0EVZ		229	ND	OH5	Doc 439
2	ND					

Totals 12/29==> 28 Points and AZ,ND,WA Mults (3)

=====

=====

12/30/1998 Log

=====

TIME	CALL	RST	SPC	RIG	Name	SENT
		PTS	Mult			

0237 KF6RDI 579
 CA PX Barry 459 6 CA
 0302 WQ6RP 559
 CA KW5 Paul 589 20 --
 0303 AL7FS 339
 AK KW JIM 559 2 AK
 0308 KB6YOU 559 CA YS100
 Dan 599 1 --
 0323 N6MM 579
 CA NC Harvey 569 2 --
 0327 W6CFU 599
 CA YS100 Ken 589 1 --
 0407 W5YA 449
 NM NC Fred 579 2 NM
 0427 VE6EWM 339 AB
 GM Earl 449 2 AB
 12/30 totals:36 Points, 4 Mults:AB, AK, CA, NM

=====
 12/31/1998 Log

=====
 TIME CALL RST SPC RIG Name SENT
 PTS Mult
 0246 K7MPH 579
 OR SA Mark 569 2 OR
 0311 K0EVZ 429
 ND OH5 Doc 229 2 ND
 0318 NQ7RP 559
 AZ HB Dan 569 20 AZ
 0347 K5ZTY 449
 TX OH Bill 559 2 TX
 0352 WA9PWP 349
 MI IC Paul 339 2 MI
 0357 NQ7X 339
 AZ OH Floyd 559 2 --
 0426 W5VB0 559
 TX TT Brian 449 2 --
 12/31 Totals:32 Points, 5 Mults:AZ,MI,ND,OR,TX

=====
 Score Computation using best 2 days of
 12/30 and 12/31/1999

Points:36+32=68
 SPC Mults:AB,AK,AZ,CA,MI,ND,NM,OR,TX=(9)
 TOTAL Score:68*9=612 Points.

See you all next December in this GREAT contest!

-Ed

72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium Count=7
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 Jan 1999 13:32:07 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28575] RE: TIMES SQUARE CELEBRATION
Message-ID: <001501be35b5\$09a67850\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The great looking girl/supermodel Jay Leno was talking to as his "girl on the street" said with the windchill it was ZERO. Been there, more or less... MANY years ago my wife's boss at the time was married in the UN Chapel on that evening. I photographed the wedding for him. Talk about pressure! My greatest reward was coming in to La Guardia on a CLEAR evening, with Manhattan all lit up. Absolutely gorgeous. Several of the company members were on the plane, and one young lady (a secretary at the company) was practically bouncing off the walls in her running commentary: "Oh look at this" Oh look at that"... one wag (me) cracked up half the plane by loudly observing "Yea look... it's so clear you can see the hookers down on Lexington Avenue." One of my better remarks.

P.S. Keep an eye on the endzones MON Night when you ALL are watching the Tennessee - FLA State "National Championship game... my son Rusty (sophomore, UnivTenn) and I will be there in Tempe! I'll be the one in the ORANGE Shirt (the same style/etc. as the one Phil wears down on the field during games!) and the white hat with on orange T.

72 / 73 Ed N4XY email: <n4xy@mindspring.com>

Date: Fri, 1 Jan 1999 14:01:19 -0500 (EST)
From: James Skalski <jskalski@buffnet.net>
To: qrp-l@Lehigh.EDU
Subject: [28576] Buffalo Sneaux
Message-ID: <Pine.LNX.4.03.9901011343550.876-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you lived just south of Buffalo, New York....you could truly FYBO. Something they refer to as Lake effect Snow here dropped nearly 2 feet of the white stuff in the southtowns area. For you desert folk...we have a huge body of fresh water here that extends beyond the horizon...Lake Erie :-). The snow gets dumped in a narrow band. They were getting it at the rate of 2-3 inches per hour. The stadium where the Bills play got 23" of snow. (10 miles south of me).

The New York Thruway was closed last night down to Erie , Pennsylvania. A relatively small amount of snow actually fell in Buffalo.

Temperature here is in the teens. That isn't bad when the wind isn't blowing. Yesterday with a temp of 16 and a wind of just 10 mph was enough to make it feel a bone-chilling zero degrees.

It is 69 degrees where I am..indoors :-). I wish that I already had the snowtires on the Volvo. Maybe if it snows a little more.....
The street is down to bare pavement in front of my house. They do a great job with plowing and salting the roads here.

73,

Jim N-2-go

Date: Fri, 01 Jan 1999 14:03:08 -0500
From: Donald Lefrancois <wb1cdh@mci2000.com>
To: QRP-L <QRP-L@LeHigh.edu>
Subject: [28577] KC-1 Connections to MFJ 9040
Message-ID: <002b01be35b9\$6010fae0\$ea4837a6@DonaldLefrancois>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Just looking for the connections of the KC-1 Keyer/Freq. Counter to an MFJ 9040 or MFJ 9030 rig. If anyone has these connections and they work I would appreciate it if you could pass them on.

72/73

Don K1NNP

WB1CDH@CWIX.COM

NE #436 , NorCal #1518 , QRP-L #1778

G-QRP #10211

Date: Fri, 1 Jan 1999 12:51:50 -0700
From: "Alyn Backe" <ve6bpr@cnnnet.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "qrp-canada" <qrp-canada@lists.gpfn.sk.ca>
Subject: [28578] A happy 1999
Message-ID: <000301be35c0\$2df3d4e0\$8206e5cf@laptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Happy New Year to all. Check out the following link.

<http://members.xoom.com/Thrianta/fire/index.htm>

I hope to be active on 20 and 40 meters QRP today. Please listen for me!
72, AL, VE6BPR.....sk

QRP-L #1144

Norcal #2315

Date: Fri, 01 Jan 1999 15:00:54 -0500
From: "The one and only!" <mitch96@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28579] reciever/pc question
Message-ID: <368D2976.549A5C19@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello and Merry winter solstice to all of you.

just read in pc magazine about computer controlled radio. icom, sony and ten tec have models out.

looks and probably sounds real neat.

Question:

How hard would it be to "home brew/kit "up a Pc receiver? with all the computing power of a pc,
with a sound blaster/dsp setup, wouldn't that be a kick butt receiver??? What kind of software would

be needed to interface the two? If the software was written, could it be then downloaded from a ftp

site or the authors web page? Could a existing receiver be "married" to a Pc to create a kick butt system??

With all the mW transmitters out there, wouldn't it be neat to have a super dupa reciever to get all

those little tiny signals coursing the airwaves??

an idle mind is the devils workshop eh?

--

mitch Ww4mL

Date: Fri, 01 Jan 1999 15:41:15 EST

From: we6w@juno.com (Ed Loranger)

To: qrp-l@lehigh.edu

Subject: [28580] Resonant Tank for 7.04 MHz.

Message-ID: <19990101.124020.5295.1.we6w@juno.com>

Many have asked me how a resoant Tank circuit would work on the pixie2 at the antenna port.

Ok. I decided to build a nice tank circuit in a separate metal box. This box already had 3 separate chambers form a previous project of mine. in the middle chamber is some .141 semi-rigid coax used as a delay line. Don't ask.... I can barely remember what that project was.

Anyway, I decided on a 70 Ohm reactance for the coil and capacitor. So I built a 1.6 uH air coil and paralleled 321 pF with it. (270 + 51 pF).

The GDO dipped in the area of 7040 and I barely had to adjust wire spacing to get it right on 7040.

Coil is 10 Turns of #16 AWG enameled wire. .9 inch inside diameter by 1.2 inches long.

The pixie2 power output peak can easily be seen as affected if you detune the circuit. I re-zeroed the tuner to adjust for any impedance changes, and the peaking is truly on 7040 KHz.

I tapped the coil at 3 turns from the grounded end.

It works just great on transmit. Problem is, the BCI gets in and overloads the pixie2 on RX anyway.

Maybe there just isn't anything short of lead shielding to eliminate this local station. :)

I am now fairly certain the signal is electromagnetically coupled to the shield of the coax and bleeds past any trap I employ. I even wrapped everything in a earth grounded flexible copper sheet like a blanket. No help.

I also checked if the Power meter was somehow detecting the AM station and feeding it thru. Nope.

It is intuitive to see the digital dial freq. counter register 1350 KHz with only a 6 inch wire hanging from it :) I do have some emi shielding boxes and may build a filter in there for 7.04 MHz to see how that works. The electrostatic shield just doesn't do the trick. Time for a electromagnetic shield.

Enquiring pixie2 owners want to know, I'm sure, what the fix is. Will post when I have it. At least there is absolutely no other entry points for BCI at this point. Even if I put the antenna connector on any external connector.

Whereas I used to listen to 1350 AM even with the antenna disconnected, it is just a quiet hiss now. Like them big rigs. What a fun rig.

Happy New year. Caught the new year with the family last night and up early today. Sunny, frosty, cold, but nice.

72, Ed WE6W QRP-Z#106 -L#1068, AR Millenium Count=9
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 1 Jan 1999 14:09:21 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: James Skalski <jskalski@buffnet.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28581] Re: Buffalo Sneaux
Message-ID: <Pine.BSI.3.96.990101140606.15692B-1000000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We don't get Lefe Effect down here. Temperatures for the weekend are going to be in the low 70's. Just thought you'd like to know.

I was involved in the airlift of equipment and personnel to Schenectady Co. Airport back in 1977 (or 1978), which was then transferred to C-130D's (ski-equipped C-130's). They then went to Buffalo to help dig out the airport there. For three days they were the only transports that could get in and out of there, or so I was told at the time. My first experience with Lake Effect.

On Fri, 1 Jan 1999, James Skalski wrote:

> If you lived just south of Buffalo, New York....you could truly FYBO.
> Something they refer to as Lake effect Snow here dropped nearly 2 feet of
> the white stuff in the southtowns area. For you desert folk...we have a
> huge body of fresh water here that extends beyond the horizon...Lake Erie
> :-) The snow gets dumped in a narrow band. They were getting it at the
> rate of 2-3 inches per hour. The stadium where the Bills play got 23" of
> snow. (10 miles south of me).
>
> The New York Thruway was closed last night down to Erie , Pennsylvania. A
> relatively small amount of snow actually fell in Buffalo.
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> Temperature here is in the teens. That isn't bad when the wind isn't
> blowing. Yesterday with a temp of 16 and a wind of of just 10 mph was
> enough to make it feel a bone-chilling zero degrees.
>
> It is 69 degrees where I am..indoors :-) I wish that I already had the
> snowtires on the Volvo. Maybe if it snows a little more.....
> The street is down to bare pavement in front of my house. They do a great
> job with plowing and salting the roads here.
>
> 73,
>
> Jim N-2-go

>

```

      /-----\
      /  What's all this  \
      / extinct stuff, anyhow? \
      \-----/
    _ | /
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      \  '-| )__| :. \
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```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Fri, 1 Jan 1999 16:29:09 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [28582] Sierra Audio Filter?
Message-ID: <004d01be35de\$9149d760\$6fa8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

Anyone tried an active audio filter in front of the LM386 AF amp in their Sierra? How it play? Were you satisfied with the results? BTW I'm very satisfied with the Sierra's IF xtal filter BUT just wondering if the combo of AF + IF filtering would be worth the effort?

2/52 - NT QSOs in '99 ...Steve/n0tu-Monument,CO
<http://www.webaccess.net/~s&p/HRindex.htm>

Date: Fri, 1 Jan 1999 17:45:33 -0600
From: "Rud Merriam" <rmerriam@csi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [28583] Re: Buffalo Sneaux
Message-ID: <006e01be35e1\$9c1e55a0\$b8b8aec7@sisyphus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

That was 1977. Fortunately I was living in Rochester that year so missed the worst of it. Grew up in Buffalo so that was the first year away. Moved to Houston in '78.

Ain't never goin' back to sneaux, ya' here?

All that movin' around meant I didn't get code time to upgrade from my novice ticket (WA2GXA). Took me 20 years to get my Tech.

Rud Merriam KD5DTV
mailto:rmerriam@usa.net

-----Original Message-----

From: Chris Trask <ctrask@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, January 01, 1999 3:12 PM
Subject: Re: Buffalo Sneaux

>
> We don't get Lafa Effect down here. Temperatures for the weekend
> are going to be in the low 70's. Just thought you'd like to know.
>

End of QRP-L Digest 1323

